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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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09/929,032

08/15/2001

Charles R. Barker JR.

MESH015

1879

24273

7590

07/24/2006

MOTOROLA, INC
INTELLECTUAL PROPERTY SECTION
LAW DEPT
8000 WEST SUNRISE BLVD
FT LAUDERDAL, FL 33322

EXAMINER

PHAM, BRENDA H

ART UNIT

PAPER NUMBER

2616

DATE MAILED: 07/24/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/929,032

Applicant(s)

BARKER ET AL.

Examiner

Brenda Pham

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 31 May 2006.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1,2,5-8,10,11,15-18,21-23,25-27,30-33,36-38,40-42,45 and 46 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-2,5-8,10-11,15-18,21-23,25-27,30-33,36-38,40-42,45-46 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. Claims 1-2, 5-8, 10-11, 15-18, 21-23, 25-27, 30-33, 36-38, 40-42, 45-46 currently pending in the application.

Response to Arguments

2. Applicant's arguments with respect to claims 1-2, 5-8, 10-11, 15-18, 21-23, 25-27, 30-33, 36-38, 40-42, 45-46 have been considered but are moot in view of the new ground(s) of rejection.

Claim Rejections - 35 USC § 112

3. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

4. Claims 1-2, 5-6, 8, 10, 11, 16, 17, 32-34, 38, 40-42, 46 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Regarding claims 1-2, 5-6, 8, 10-11, 16-17, 32-34, 38, 40-42, the terminology "is adapted to/ being adapted to/ adapted to or adapted for" are indefinite.

Claim Rejections - 35 USC § 103

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and

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the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

6. Claims 1-2, 5-8, 10-11, 15-18, 21-23, 25-27, 30-33, 36-38, 40-42, 45-46 are rejected under 35 U.S.C. 103(a) as being unpatentable over TROMPOWER et al (US 6,275,477 B1) in view of LEE et al (US 6,535,493 B1).

Regarding claims 1-2, 5-8, 10-11, 15-18, 21-23, 25-27, 30-33, 36-38, 40-42, 45-46, TROMPOWER et al disclose a computer-readable medium of instructions and associated method, an access point and communications network for use with mobile wireless user terminal, said network comprising (referring to figure 1):

a packet-switched core network (network 104); and

a plurality of access points (108) coupled to said core network(104), each said access point (108) provide any said user terminal (114, 106) with communications access to said core network (104) when said any user terminal becomes affiliated with said access point, and including an address resolution protocol cache which store information representative of affiliation between said user terminal and said access points, and each said access point update its address resolution protocol cache (look-up tables 556) with new registrations of a said user terminal when that said user terminal becomes affiliated with said access point, and further issue an address resolution protocol request which cause other said access points to update their respective address resolution protocol caches to indicate that said user terminal has changed its affiliation to said access point (**TROMPOWER et al teach "the base stations 108 are programmed to transmit a registration request acknowledgment packet to a requesting mobile terminal/pager in the event the mobile**

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terminal/pager is registered. At the same time, the base stations 108 are programmed to update the contents of their respective look-up tables 556 to reflect the new registration. In addition, the base stations 108 are programmed to broadcast a new registration packet onto the system backbone 104 indicating to the other devices on the system backbone 104 that a mobile terminal/pager has become newly registered therewith and specifically identifying the particular mobile terminal/pager. This broadcast packet is received by each of the other base stations 108 as well as the pager server 112. This information is used by other devices to update their respective look-up table 556 and 405. For example, the base station 108 with which the mobile terminal/pager was previously registered would receive the broadcast packet and recognize that the mobile terminal/pager is no longer registered to it. Hence, the base station 108 is programmed to clear the entry from the look-up table 556. In the case of a LAN 102 in which source routing is used, such information relating to where the mobile terminal/pagers are now registered is used to change any source routing information within the base station 108 to the extent appropriate, column 20, lines 40-65, figure 1)

Although TROMPOWER et al does not teach the packet switched core network is an IP network, mobile Internet communication protocol is well known in the art and is taught by LEE et al.

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It would have been obvious to those having ordinary skill in the art at the time of the invention was made to implement the teaching of TROMPOWER et al in a mobile Internet communication network.

Conclusion

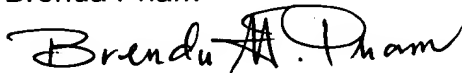
7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Brenda Pham whose telephone number is (571) 272-3135. The examiner can normally be reached on Monday-Friday from 9:00 to 5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ahmad Matar, can be reached on (571) 272-7488.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (571) 272-2600.

July 21, 2006

Brenda Pham

A handwritten signature in black ink that reads "Brenda A. Pham". The signature is written in a cursive style with a large, stylized "P" and "A".

BRENDA PHAM
PRIMARY EXAMINER